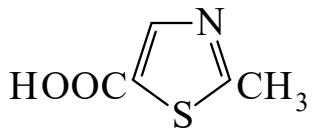
>>**Entry Name: 2-Methyl-5-thiazolecarboxylic acid,** 9CI



CAS Registry Number: 40004-69-1

Molecular Formula: $C_5H_5NO_2S$
Molecular Weight: 143.166
Accurate Mass: 143.004099
Percentage Composition: C 41.95%; H 3.52%; N 9.78%; O 22.35%; S 22.40%
Use/Importance: Antilipolytic agent
Physical Description: Needles or prisms (H_2O)
Melting Point: Mp 209°
Calculated Log P Data: Log P 1.12 (calc)

>>**Derivative:** Et ester

CAS Registry Number: 79836-78-5
Molecular Formula: $C_7H_9NO_2S$
Molecular Weight: 171.22
Accurate Mass: 171.035399
Percentage Composition: C 49.10%; H 5.30%; N 8.18%; O 18.69%; S 18.73%
Boiling Point: Bp_{19} 117-120°

References:

Schöberl, A. *et al.*, *Ber.*, 1940, **73**, 1240, *(synth)*
Clemence, F. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1976, **11**, 567, *(synth, use)*
Keehn, P.M. *et al.*, *J.A.C.S.*, 1982, **104**, 4461, *(synth, deriv)*